

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012372**Date Inspected:** 26-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Jim Bowers**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Orthotropic Box Girders (OBG)**Summary of Items Observed:**

Quality Assurance inspector (QA) Michael Foerder was at the American Bridge/Flour (ABF) job site lay down yard at Pier 7 in Oakland, California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel.

The QA inspector updated the contract files and tracking logs for QA reports, welder qualification records, welding procedure specifications, procedure qualification records, state letters and submittals on this date. In addition, the QA inspector performed shop drawing reviews and posting of comments for assigned submittals on this date.

Summary of Conversations:

The QA inspector spoke with QA inspector Rick Bettencourt in which Mr. Bettencourt relayed the contractor had placed temporary attachments on the OBG for field splice 1 by welding in the transverse direction compared to the longitudinal direction of the bridge. This is not in compliance with the approved submittal number 1361 R2. An incident report will be generated for this item and the QA inspector informed the Welding Quality Control Manager (WQCM) Jim Bowers verbally at 0920. Later in the shift the WQCM informed the QA inspector the contractor is scheduled to work Saturday day shift for 8 hours and no work is anticipated for Sunday. This information was relayed to Assistant Structure Representative Jason Wilcox and METS QA inspector Jason Gramlick verbally on this date.

Mr. Wilcox inquired from the QA inspector if the contractor was planning on performing the repair work over the weekend for Lift 2 West and the QA inspector relayed Mr. Bowers had informed the QA inspector the repair

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scheduled for the weekend at Pier 7 was for the lifting frame and not OBG related.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi (916)813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Foerder,Mike
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Quality Assurance Inspector

Reviewed By:	Levell,Bill
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QA Reviewer
